

IN THE SPECIFICATION

Please amend the paragraph at page 1, line 25 to page 2, line 17 as follows:

The thruster is substantially a revolution shape around an axis OO'. The cutting plane of figure 1 comprises this axis OO'. A backward-forward or downstream-upstream ~~forward-backward or upstream-downstream~~ direction in the axial direction is indicated by arrows E showing substantially the direction of an electric field created by the association of an annular anode 1 placed behind an annular channel 3 and a cathode 2 placed substantially in front of the annular channel 3, to the outside thereof and adjacent thereto. The arrangement of the cathode 2 thus makes it possible to create an electric field with the anode 1 that is oriented substantially in the axial direction OO', while at the same time being outside of the propulsive flow. For purposes of reliability, as shown in figure 2, this cathode is generally duplicated by a second fail-safe cathode. The annular anode 1 has an annular bottom placed concentrically in relation to the annular channel 3. This bottom comprises passages, e.g., in the form of through-holes allowing the passage of a gas which can be ionized, e.g., xenon.

Please amend the paragraph at page 8, lines 13-30 as follows:

As in the prior art described in connection with figures 1 and 2, each of the magnet circuit 40 embodiments described in connection with figures 3, 4 and 5 A and B comprise a downstream ~~an upstream~~ plate 4, made of a soft magnetic material, placed perpendicularly to an axis OO' of the circuit 40. This plate is completed by a cylindrically shaped central arm 41, having the axis OO' for its axis, by circular cylindrical poles 63 and 64, having the axis OO' for their axis and arranged on both sides of an annular channel 3, and by peripheral arms 42, 43 arranged in rotational symmetry around the axis OO', on the exterior of the annular channel 3. In figures 3 A and B and 4 A and B, there are four peripheral arms 42. Of course, the number of arms may differ. In particular, it may be greater than 4, as shown in figures 5 A

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and B, where this number is 8, due to the reduction in overall dimensions resulting from the cutback or reduction in the size of the field coils.